# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S13 | 10 | ((trench or groove) with ((buried or embedded) near collector) with nitride) | US-PGPUB; USPAT | OR | ON | 2006/06/30 11:58 |
| S14 | 2 | ((trench or groove) with ((buried or embedded) near collector) with nitride) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 11:58 |
| S12 | 0 | ((trench or groove) with ((buried or embedded) near collector) with silicide) | US-PGPUB; USPAT | OR | ON | 2006/06/30 11:58 |
| S15 | 0 | ((trench or groove) with ((buried or embedded) near2 collector) with silicide) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:14 |
| S23 | 25 | ( ( ((buried or embedded) near2 collector) with silicide) ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:18 |
| S19 | 22 | ((trench or groove) with collector with silicide) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:18 |
| S24 | 25 | S23 not S19 | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:22 |
| S20 | 6 | ((trench or groove) with collector with silicide) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 12:24 |
| S28 | 6 | (sub$1collector with silicide) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 12:25 |
| S29 | 26 | (sub$1collector with silicide) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:26 |
| S32 | 1 | (sub$1collector with silicided) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 12:26 |
| S31 | 1 | (sub$1collector with silicided) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:26 |
| S34 | 3 | (sub$1collector with (tin or (titanium adj nitride)) ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:28 |
| S35 | 1 | (((sub or buried or embedded) adj collector) with (tin or (titanium adj nitride)) ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:28 |
| S36 | 1 | (((sub or buried or embedded) adj collector) with ((titanium adj nitride)) ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:28 |
| S30 | 21 | S29 not (S23 or S19) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:31 |
| S40 | 18 | S39 not (S29 or S23 or S19) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:31 |
| S16 | 1 | ((trench or groove) same ( ((buried or embedded) near2 collector) with silicide) ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:31 |
| S39 | 27 | ( collector with ((buried or embedded) adj layer) with silicide ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:32 |
| S41 | 9 | ( collector with ((buried or embedded) adj layer) with silicide ) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 12:34 |
| S43 | 39 | ( collector with ((buried or embedded) adj layer) with nitride ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:35 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S42 | 26 | ( collector with ((buried or embedded) adj layer) with nitride ) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/30 12:35 |
| S46 | 2 | ( collector with ((buried or embedded) near2 (titanium adj nitride)) ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:35 |
| S45 | 1 | ( collector with ((buried or embedded) adj layer) with (titanium adj nitride) ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:36 |
| S50 | 6 | S49 not S47 | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:44 |
| S51 | 35 | ( collector with (titanium adj nitride) ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:45 |
| S52 | 21 | S51 not (S49 or S47) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:45 |
| S49 | 14 | ( collector near4 (titanium adj nitride) ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 12:45 |
| S54 | 21 | ((tungsten adj silicide) with conductivity) | JPO; DERWENT | OR | ON | 2006/06/30 15:06 |
| S53 | 10 | S52 and (("257"/$3.cor.) or ("438"/$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/06/30 15:06 |
| S65 | 9 | S64 not S63 | US-PGPUB; USPAT | OR | ON | 2006/06/30 15:11 |
| S63 | 7 | ((tungsten adj silicide) with conductivity with silicon not (polycrystalline or polysilicon)) | US-PGPUB; USPAT | OR | ON | 2006/06/30 15:11 |
| S64 | 16 | ((tungsten with silicide) with conductivity with silicon not (polycrystalline or polysilicon)) | US-PGPUB; USPAT | OR | ON | 2006/06/30 15:12 |
| S71 | 29 | S70 not (S64 or S63) | US-PGPUB; USPAT | OR | ON | 2006/06/30 15:15 |
| S69 | 1 | ( silicide with ((better or greater or increased or increasing ) near2 conductivity) with silicon not (polycrystalline or polysilicon) ) | US-PGPUB; USPAT | OR | ON | 2006/06/30 15:21 |
| S62 | 41 | S61 and (("257"/$3.cor.) or ("438"/$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/06/30 15:22 |
| S74 | 4 | S73 and (("257"/$3.cor.) or ("438"/$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2006/06/30 15:22 |
| S73 | 16 | ( silicides with conductivity with silicon not (polycrystalline or polysilicon) ) | US-PGPUB; USPAT | OR | OFF | 2006/06/30 15:30 |
| S75 | 12 | ( silicides with conductivity with semiconductor) | US-PGPUB; USPAT | OR | OFF | 2006/06/30 16:47 |
| S76 | 6 | ( (silicides near2 conductivity) with conductivity not type) | US-PGPUB; USPAT | OR | OFF | 2006/06/30 16:48 |